

1/9

Figure 1: 1st generation of production clones of TNFRII-Fc and TNFRII-

Fc-IL1ra chimera: 24-well plate expression in serum-free medium

In-house TNFRII-Fc

TNFRII-Fc-IL-1ra chimera

TNFRII-Fc marketed.

Albumin

Direct CM protein Coomassie blue staining to visualize the protein products

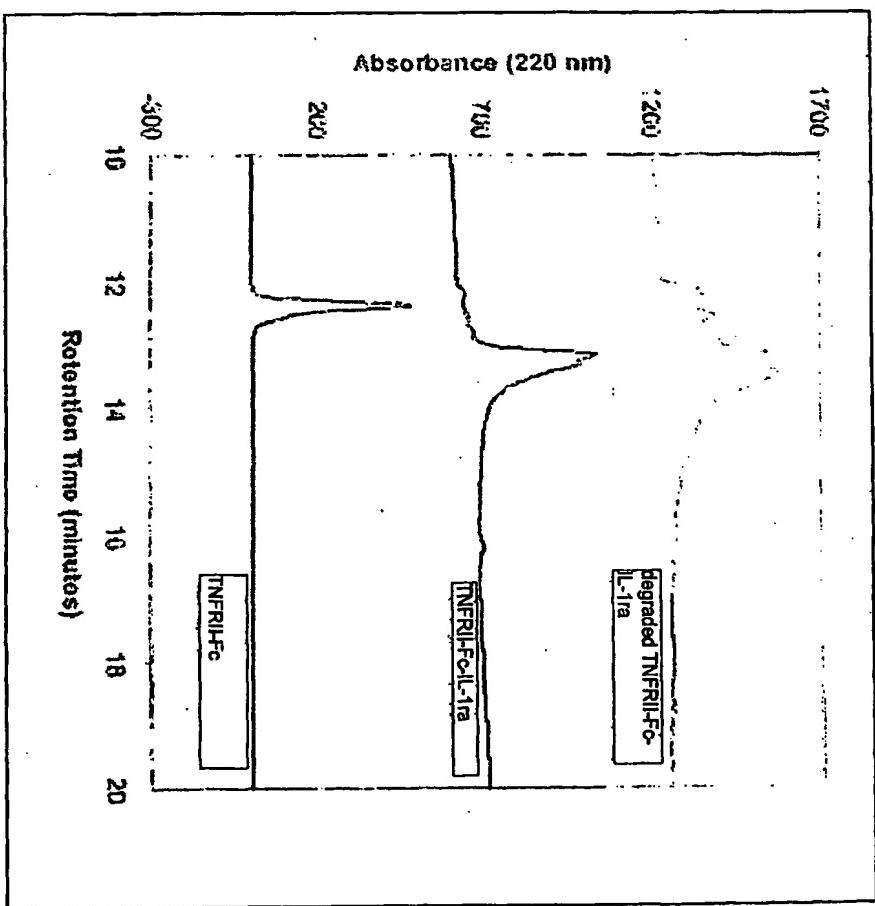
2/9

Figure 2: Affinity purification of chimeric TNFRII-Fc-II-1ra

Non-reduced
Reduced

3/9

Figure 3: An example of our troubleshooting capability: reducing a degradation problem for chimeric TNFRII-Fc-IL-1ra by altering the first purification step: HPLC analysis of intact and partially degraded chimeric TNFRII-Fc-IL-1ra with TNFRII-Fc control.



4/9

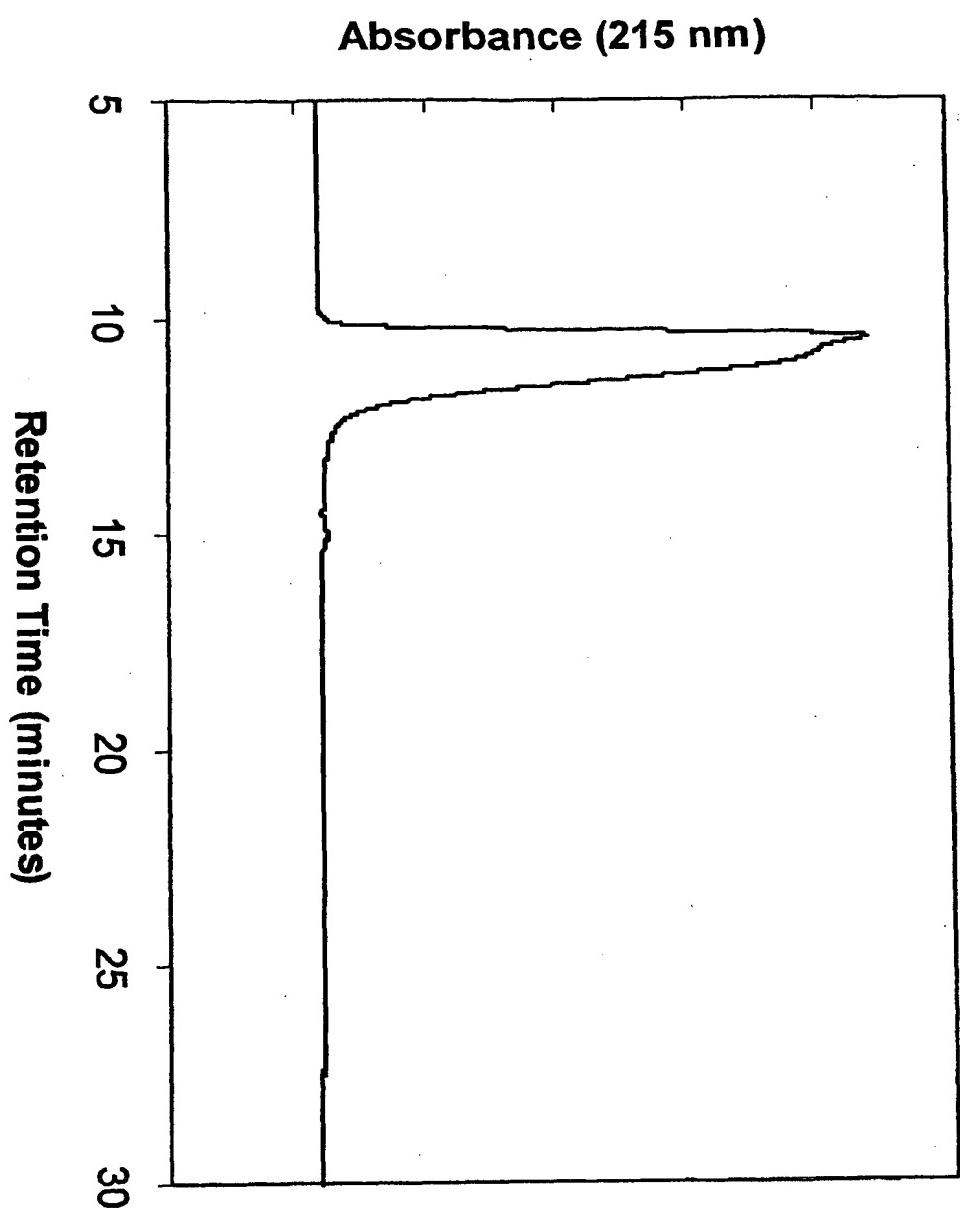
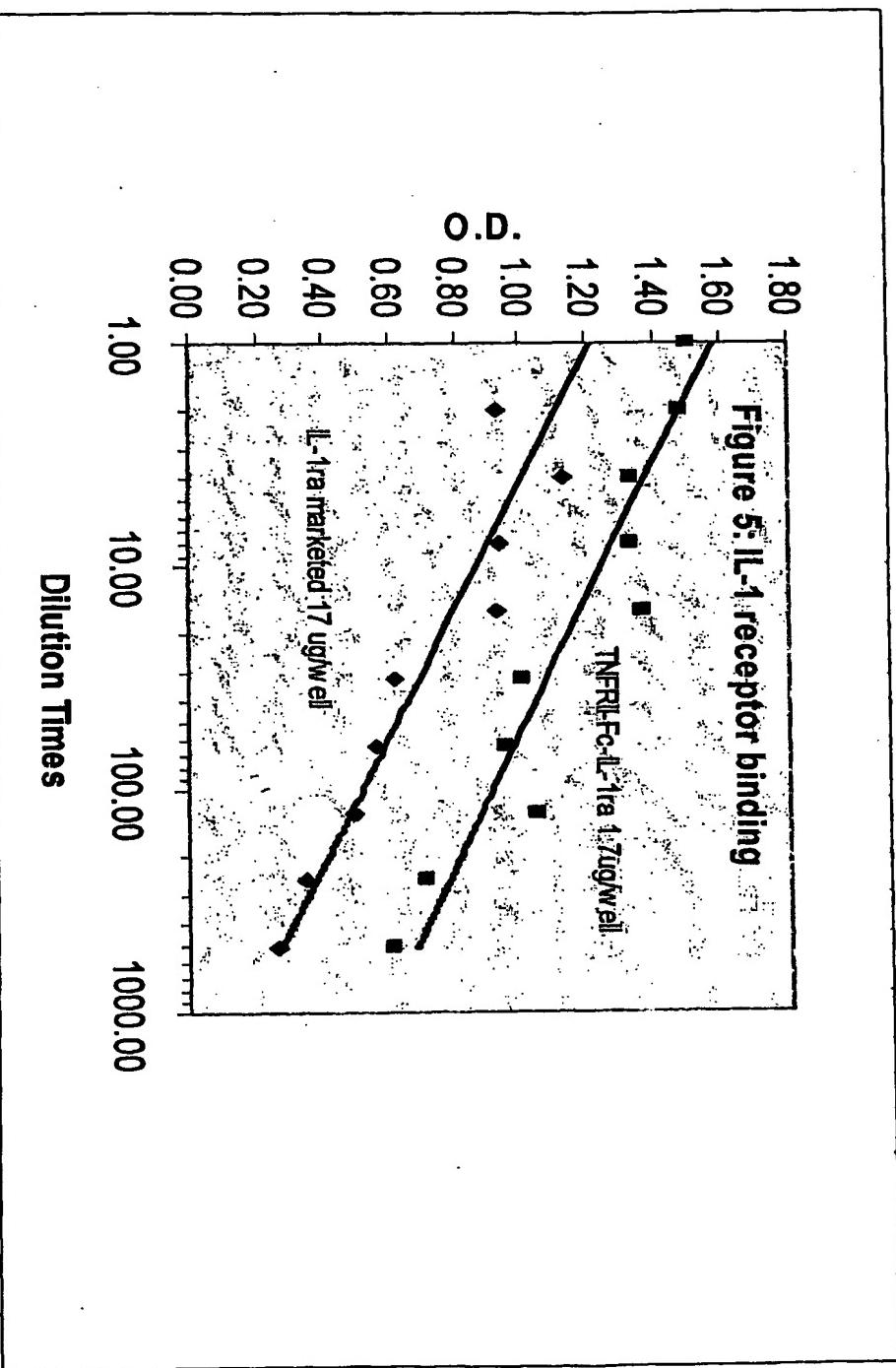


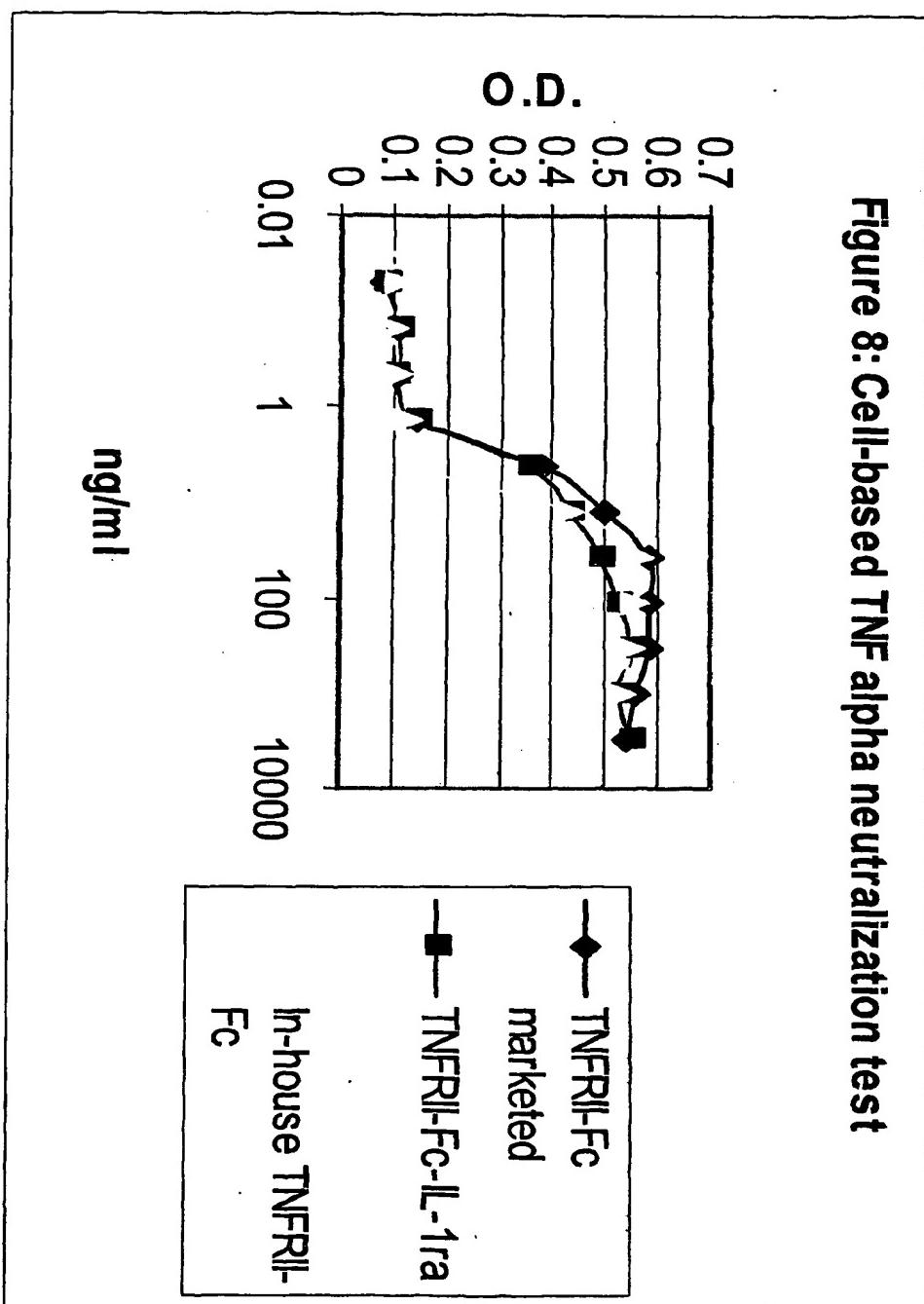
Figure 4: SEC-HPLC analysis of TNFRII-Fc-IL-1ra after formulation and lyophilization

5/9



8/9

Figure 8: Cell-based TNF alpha neutralization test



9/9

Figure 9: Cell-based IL-1 neutralization test

